

EPO

Recombinant Human EPO-alpha/Fc Chimera

Catalog No.	CSI20170A	Quantity:	2 µg
	CSI20107B		10 µg
	CSI20107C		1.0 mg

Description: Recombinant Human EPO/Fc produced in CHO cells is a dimeric, glycosylated, polypeptide chain consisting of two mature human EPO molecules linked to the Fc portion of human IgG1. The Fc component contains the CH2 domain, the CH3 domain and hinge region, but not the CH1 domain of IgG1. As a result of glycosylation, the recombinant protein migrates with an apparent molecular mass of 140k Da in non-reducing SDS-PAGE.

Gene ID: 2056

UniProtKB: P01588

Source: CHO cells

Molecular Weight: 140 kDa

Formulation: Lyophilized from sterile filtered solution of PBS, pH 7.4.

Purity: >98% by SDS-PAGE and HPLC

Endotoxin Level: < 1 EU/µg

Specific Activity: The specific activity as measured by the stimulation of reticulocyte production in normocythemmic mice is $\geq 5.0 \times 10^5$ IU/mg.

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Further dilutions can be made in appropriate buffered solutions.

Storage & Stability: Store at -20 °C to -80 °C for up to one year. upon reconstitution store at 2-8 °C for up to one month or in working aliquots at -20 °C to -80 °C for up to 3 months. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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